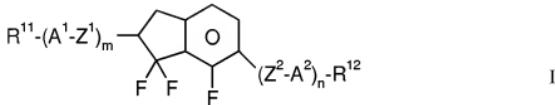


This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A liquid-crystalline medium comprising a mixture of polar compounds of negative dielectric anisotropy, wherein at least one polar compound of negative dielectric anisotropy is a compound of the formula I



in which

R¹¹ and R¹² are each, independently of one another, H, an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may be replaced by -O-, -S-, , -C≡C-, -OC-O- or -O-CO- in such a way that O atoms are not linked directly to one another,

A¹ and A² are each, independently of one another,

- a) a 1,4-cyclohexenylene or 1,4-cyclohexylene radical, in which one or two non-adjacent CH₂ groups may be replaced by -O- or -S-,
- b) a 1,4-phenylene radical, in which one or two CH groups may be replaced by N,

- c) a radical from the group consisting of piperidine-1,4-diyl, 1,4-bicyclo[2.2.2]octylene, naphthalene-2,6-diyl, decahydro-naphthalene-2,6-diyl, 1,2,3,4-tetrahydronaphthalene-2,6-diyl, phenanthrene-2,7-diyl and fluorene-2,7-diyl,

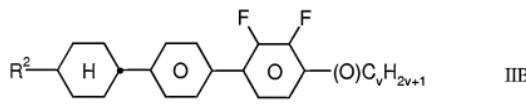
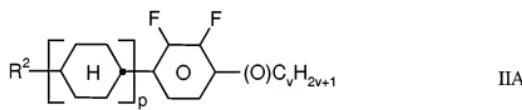
where the radicals a), b) and c) may be monosubstituted or polysubstituted by halogen atoms,

Z^1 and Z^2 are each, independently of one another, -CO-O-, -O-CO-, -CF₂O-, -OCF₂-, -CH₂O-, -OCH₂-, -CH₂CH₂-, -(CH₂)₄-, -C₂F₄-, -CH₂CF₂-, -CF₂CH₂-, -CF=CF-, -CH=CF-, -CF=CH-, -CH=CH-, -C≡C- or a single bond,

m is 1 and

n is 0, 1 or 2

and said liquid-crystalline medium additionally comprises one or more compounds of formulae IIA and/or IIB



in which

R^2 is an alkyl or alkenyl radical having up to 15 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each be replaced,

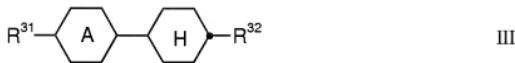
independently of one another, by -O-, -S-,  , -C≡C-,
-CO-, -CO-O-, -O-CO- or -O-CO-O- in such a way that O
atoms are not linked directly to one another.

p _____ is 1 or 2, and

v _____ is from 1 to 6..

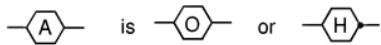
2. (cancelled)

3. (Previously presented) The liquid-crystalline medium according to Claim 1, additionally comprising one or more compounds of formula III



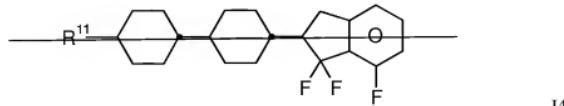
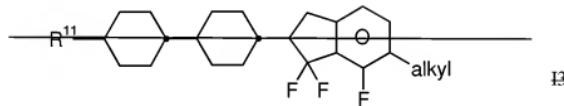
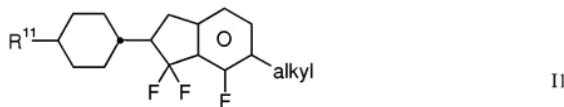
in which

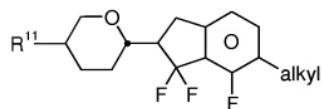
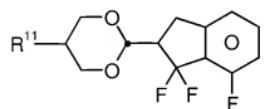
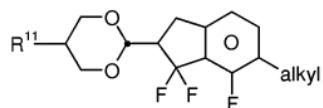
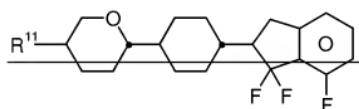
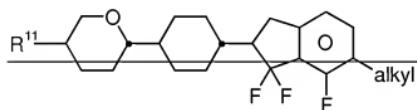
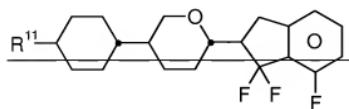
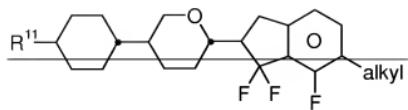
R³¹ and R³² are each, independently of one another, a straight-chain alkyl, alkenyl, alkylalkoxy or alkoxy radical having up to 12 C atoms, and

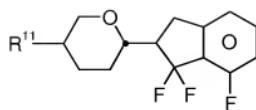


4. (Previously presented) The liquid-crystalline medium according to claim 1, comprising two, three, four or more compounds of the formula I.
5. (Previously presented) The liquid-crystalline medium according to claim 1, having a proportion of compounds of the formula I in the mixture as a whole of least 5% by weight.

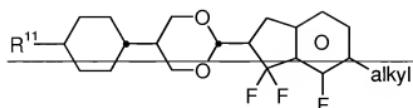
6. (Currently Amended) The liquid-crystalline medium according to claim 1 2, having a proportion of compounds of the formulae IIA and/or IIB in the mixture as a whole of least 20% by weight.
7. (Previously presented) The liquid-crystalline medium according to claim 3, having a proportion of compounds of the formula III in the mixture as a whole of least 5% by weight.
8. (Currently amended) The liquid-crystalline medium according to claim 1, comprising at least one compound of formulae I1 to I36-I2, I9 to I11, I17 to I24 or I29 to I32



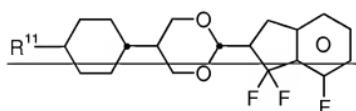




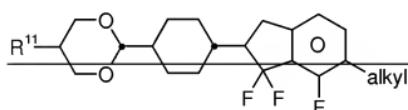
H12



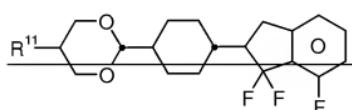
H13



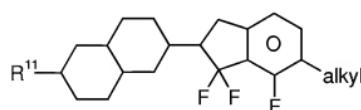
H14



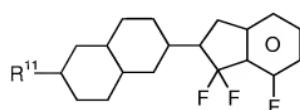
H15



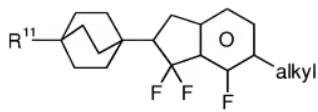
H16



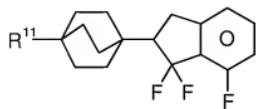
H17



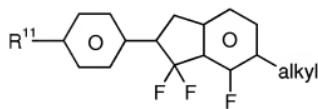
H18



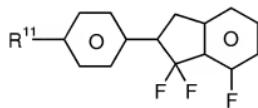
I19



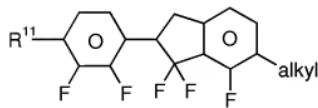
I20



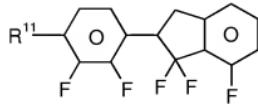
I21



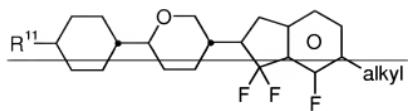
I22



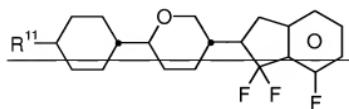
I23



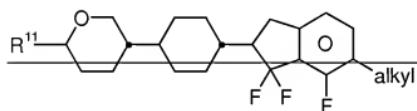
I24



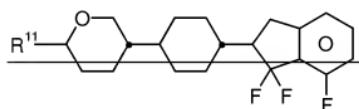
I25



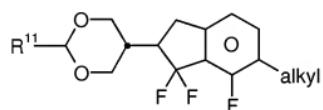
I26



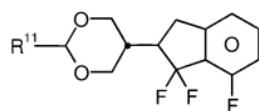
I27



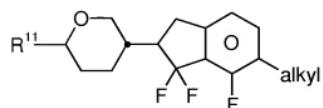
I28



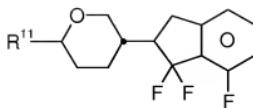
I29



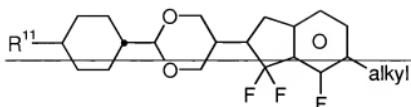
I30



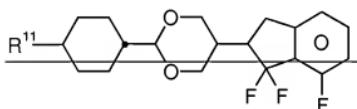
I31



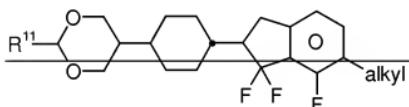
132



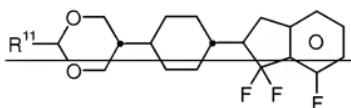
133



134



135



136

in which R¹¹ is as defined in claim 1 and

alkyl is a straight-chain alkyl radical having 1-6 C atoms.

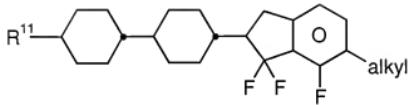
9. (Currently Amended) The liquid-crystalline medium according to claim 12,
consisting essentially of

5-30 % by weight of one or more compounds of formula I

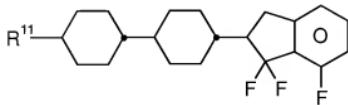
and

20-70 % by weight of one or more compounds of formulae IIA and/or IIB.

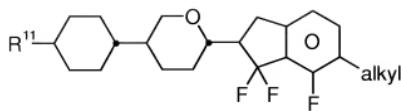
10. (Previously presented) An electro-optical display with active-matrix addressing based on ECB, PALC or IPS effect, containing, as a dielectric, a liquid-crystalline medium according to claim 1.
11. (Previously presented) The liquid-crystalline medium according to claim 1, wherein n is 0.
12. (Previously presented) The liquid crystalline medium according to claim 1, wherein A¹ is 1, 4-cyclohexylene.
13. (Previously presented) The liquid-crystalline medium according to claim 1, wherein R¹² is H.
14. (Previously presented) The liquid-crystalline medium according to claim 1, wherein R¹² is CH₃.
15. (New) The liquid-crystalline medium according to claim 1, additionally comprising at least one compound of formulae I3 to I8, I13-I28 or I33-I36,



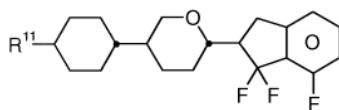
I3



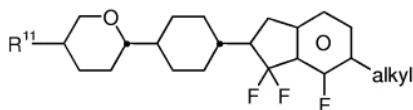
I4



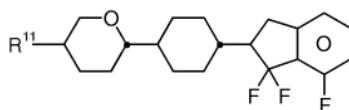
15



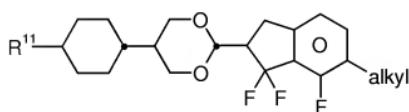
16



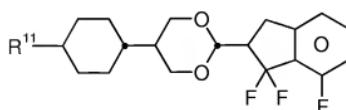
17



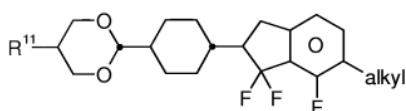
18



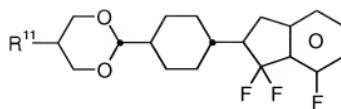
19



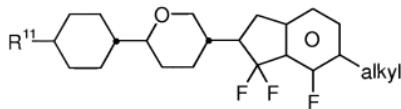
20



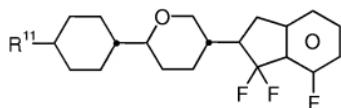
21



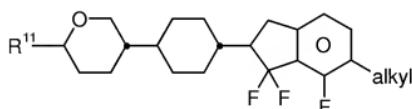
I16



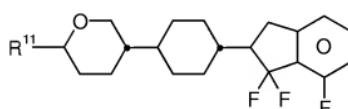
I25



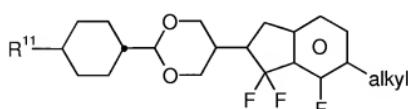
I26



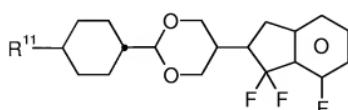
I27



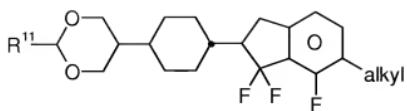
I28



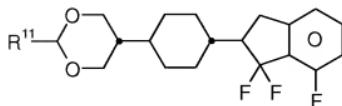
I33



I34



135



136

in which R¹¹ is as defined in claim 1

and alkyl is a straight-chain alkyl radical having 1-6 C atoms.